

The following annual reports were read and referred to the Publication Committee:—

REPORT OF RECORDING SECRETARY.

In view of the full reports of the Treasurer, the Curators, the Librarian and the various sections of the Academy, the Recording Secretary has, as heretofore, but little to report apart from the statistics of the meetings of the society and the operations of the Publication Committee.

One hundred and sixty-eight pages of the Proceedings for 1887 and two hundred and seventy-two pages of the current volume have been issued and distributed. Provision has been made for twenty plates in illustration of the papers presented for publication during the year. These number thirty-four and are by the following authors:—

Rev. H. C. McCook 3, W. D. Hartman 3, Jos. Leidy 2, D. S. Jordan 2, Harrison Allen 2, Angelo Heilprin, 2, Thomas Meehan 2, Charles Wachsmuth and Frank Springer 2, H. C. Chapman and A. P. Brubacker 2, H. C. Chapman 1, Otto Meyer 1, B. H. Wright 1, A. M. Fielde 1, E. N. S. Ringueberg 1, E. A. Kelly 1, C. Oehsenius 1, John Ford 1, C. R. Keyes 1, H. F. Osborn 1, H. A. Pilsbry 1, J. E. Ives 1, John Eyerman 1, R. W. Schufeldt 1. One of these has been withdrawn by the author and the others are all in course of publication although two or possibly four will have to be held over until the issue of the first sheets of the volume for 1889.

Eighteen additions have been made to the list of foreign correspondents to whom the issues of the Proceedings are distributed, the number being now four hundred. The domestic exchanges are now sixty-eight, an increase of seven over last year. The subscription list remains the same, so that five hundred and eighty-two copies of the one thousand printed are promptly distributed.

The second part of the ninth volume of the quarto Journal consisting of one hundred and ten pages and five lithographic plates was distributed, after much vexatious delay in the printing office, on the sixth of August. Fifty copies were sent to foreign and twelve copies to domestic exchanges, while thirty-nine copies were supplied to subscribers, making a total distribution of one hundred and one copies of the five hundred printed.

The average attendance at the meetings has been about the same as last year. Communications, which have been interesting and varied, have been made by Messrs Leidy, Heilprin, Lewis, Meehan, Chapman, McCook, Koenig, Dolley, Ryder, Horn, Brooks, Dall, Rothrock, Binder, Willcox, Morris, Wilson, Kelly, Foote, Sharp, Meyer, Woolman, McKean, Robinson, Ford, Brinton, Redfield, U. C. Smith, Ives, Holstein and Le Boutillier.

Eleven members and four correspondents have been elected. The deaths of thirteen members and two correspondents have been announced and two members, Messrs C. L. Kilburn and Rev. Geo. D. Boardman, have resigned.

The vacancy in the Council caused by the death of Mr. S. Fisher Corlies was filled June 26, by the election of Mr. Wm. W. Jeffëris.

The following extract from the will of the late Geo. W. Tryon Jr. was read at the meeting of Feb. 14, 1888:—"I give to the Academy of Natural Sciences of Philadelphia my collection of shells now deposited with that society conditioned that they shall not be loaned or removed from the immediate custody of the said Academy and of its Conchological Section." The bequest was accepted on the condition as stated.

A bond of indemnity having been given Feb. 14 to the executors of the estate of the late Mary R. D. Smith, the Academy was placed in possession of the sum of \$1201.49 the proportion of said estate bequeathed to the society by Miss Smith.

The thanks of the Academy were voted to Dr. Charles Schaffer for his gift of \$4939.58, the amount received by him as commissions while acting as executor under the will of the late John Bryden to whose estate, in accordance with the wish of Dr. Schaffer, the gift has been credited.

A like vote of thanks was tendered to Mr. Theodore D. Rand for the gift of \$100.00, the amount received by him for professional services in connection with the same estate.

The Academy having considered a deed of trust executed by Mrs. Emma W. Hayden for the endowment of the Hayden Geological Fund of Two Thousand Five Hundred Dollars, in memory of her husband the late Prof. Ferdinand V. Hayden, the interest of which together with a bronze medal is to be awarded annually for the best publication, exploration, discovery or research in the sciences of geology and paleontology, by a committee to be appointed by the Academy, the said deed of trust was accepted by and ordered to be

executed on behalf of the Academy, May, 1, 1888, and the following resolution for the appointment of the required committee was adopted:—

Resolved—That a committee not exceeding five, to be appointed under the deed of trust of Mrs. Emma W. Hayden, shall first be recommended by the Council of the Academy and shall be selected from the members at large and their names submitted to a vote of the Academy annually, and if said vote of the Academy shall show their election, they shall act as such committee under said deed.

The thanks of the Academy were ordered, November 20, to be conveyed to Mrs. Clara Jessup Bloomfield Moore for her liberal addition of \$5000.00 to the Jessup Fund endowed by her father, the late A. E. Jessup. By subsequent action of the Council the entire amount was ordered to be placed to the credit of that portion of the fund which is appropriated to the assistance of young naturalists.

All of which is respectfully submitted.

EDW. J. NOLAN.

Recording Secretary.

REPORT OF CORRESPONDING SECRETARY.

The duties of the Corresponding Secretary during the past year have been neither important nor onerous.

The correspondence has related mainly to the publications of the Academy, being either acknowledgments from corresponding societies or the usual letters transmitting their publications.

The acknowledgments number sixty by letter and forty-three by card, divided as follows:

By card, American societies 23, Foreign 20.

By letter, American societies 15, Foreign 45.

The letters of transmittal represent thirty-eight bodies, of which but one is American. These, with the latter exception, are very nearly all those continuing their sendings through the International Exchange Agency.

During the past year the duties of the office were kindly performed by the Curator-in-charge for five months in the interval of the Secretary's absence abroad.

An opportunity was afforded of seeing personally the officers in charge of the libraries of some of our corresponding societies, and